

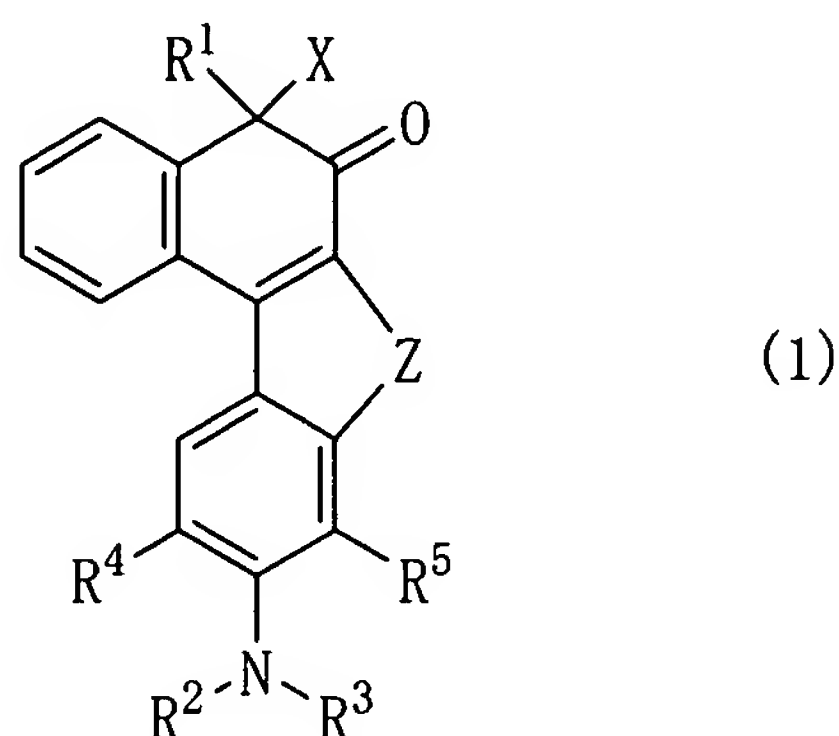
LISTING OF CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Please amend claims 1-4 as follows.

1. (Currently amended) A heteropolycyclic compound represented by ~~General Formula~~ formula (1):

~~[Chemical Formula 1]~~



wherein  $R^1$  is a straight- or branched-chain  $C_1$ - $C_{10}$  alkyl group, a substituted or unsubstituted  $C_5$ - $C_{10}$  cycloalkyl group or a substituted or unsubstituted phenyl group;

$R^2$  and  $R^3$  are the same or different and are each a straight- or branched-chain  $C_1$ - $C_{10}$  alkyl group, a substituted or unsubstituted  $C_5$ - $C_{10}$  cycloalkyl group or a substituted or unsubstituted phenyl group, or  $R_2$  and  $R_3$  may be linked to each other to form, together with the nitrogen atom to which they are attached, a heterocyclic ring;

$R^4$  and  $R^5$  are each a hydrogen atom;

~~R<sup>3</sup> and R<sup>4</sup>, and/or R<sup>3</sup> and R<sup>5</sup> may be linked to each other to form a straight- or branched-chain C<sub>2</sub>-C<sub>7</sub> alkylene group;~~

X is a straight-chain C<sub>1</sub>-C<sub>10</sub> alkyl group, an -OCOR<sup>6</sup> group, or an -OR<sup>6</sup> group ~~hydrogen atom, a substituted or unsubstituted C<sub>5</sub>-C<sub>10</sub> cycloalkyl group, a substituted or unsubstituted phenyl group, a halogen atom, an -OCOR<sup>6</sup> group, an -OR<sup>6</sup> group, an -SR<sup>6</sup> group or an -NR<sup>6</sup>R<sup>7</sup> group;~~

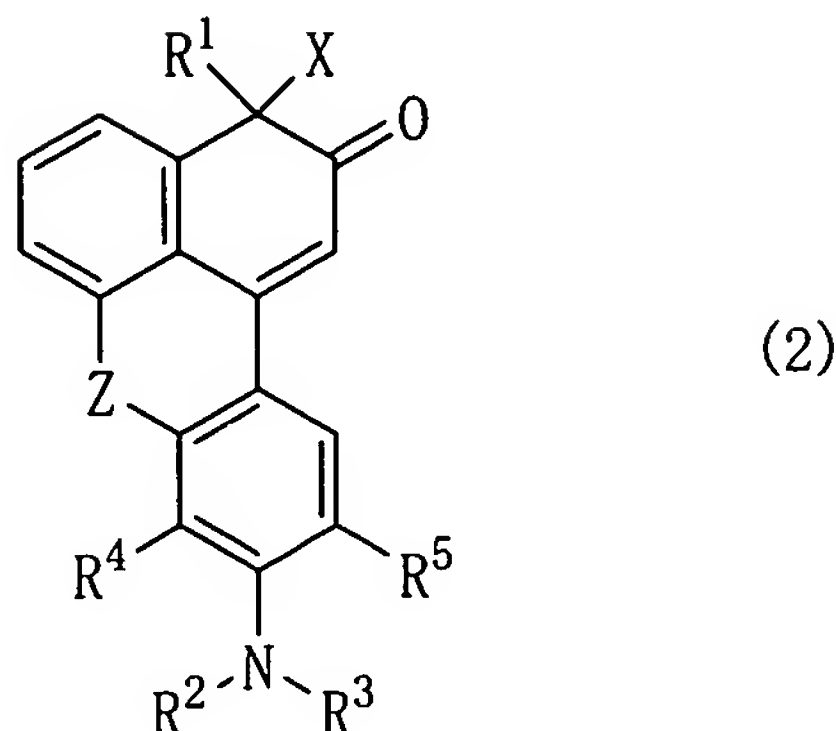
~~R<sup>6</sup> and R<sup>7</sup> are the same or different and are each~~ is a hydrogen atom, a straight- or branched-chain C<sub>1</sub>-C<sub>6</sub> alkyl group or a substituted or unsubstituted C<sub>5</sub>-C<sub>10</sub> cycloalkyl group; and

Z is ~~a divalent group~~ -O- or -NR<sup>6</sup>- wherein R<sup>6</sup> is as defined above.

2. (Currently amended) A heteropolycyclic compound according to claim 1, wherein, in ~~General Formula~~ formula (1), R<sup>1</sup> is a straight- or branched-chain C<sub>1</sub>-C<sub>10</sub> alkyl group or a substituted or unsubstituted phenyl group; R<sup>2</sup> and R<sup>3</sup> are each independently a straight- or branched-chain C<sub>1</sub>-C<sub>10</sub> alkyl group; ~~R<sup>4</sup> and R<sup>5</sup> are each a hydrogen atom; and~~ X is a hydrogen atom, a straight- or branched straight-chain C<sub>1</sub>-C<sub>10</sub> alkyl group, a hydroxy group or an -OCOR<sup>6</sup> group wherein R<sup>6</sup> is a hydrogen atom or a straight- or branched-chain C<sub>1</sub>-C<sub>6</sub> alkyl group; and Z is -O- [[, -S-]] or -NR<sup>6</sup>- wherein R<sup>6</sup> is a hydrogen atom or a straight- or branched-chain C<sub>1</sub>-C<sub>6</sub> alkyl group.

3. (Currently amended) A heteropolycyclic compound represented by ~~General Formula~~  
formula (2):

~~[Chemical Formula 2]~~



wherein  $R^1$  is a straight- or branched-chain  $C_1$ - $C_{10}$  alkyl group, a substituted or unsubstituted  $C_5$ - $C_{10}$  cycloalkyl group or a substituted or unsubstituted phenyl group;

$R^2$  and  $R^3$  are the same or different and are each a straight- or branched-chain  $C_1$ - $C_{10}$  alkyl group, a substituted or unsubstituted  $C_5$ - $C_{10}$  cycloalkyl group or a substituted or unsubstituted phenyl group, or  $R^2$  and  $R^3$  may be linked to each other to form, together with the nitrogen atom to which they are attached, a heterocyclic ring;

$R^4$  and  $R^5$  are each a hydrogen atom;

~~$R^2$  and  $R^4$ , and/or  $R^3$  and  $R^5$  may be linked to each other to form a straight- or branched-chain  $C_2$ - $C_7$  alkylene group;~~

~~X is a straight-chain  $C_1$ - $C_{10}$  alkyl group, an  $-OCOR^6$  group, or an  $-OR^6$  group hydrogen atom, a substituted or unsubstituted  $C_5$ - $C_{10}$  cycloalkyl group, a substituted or unsubstituted phenyl group, a halogen atom, an  $-OCOR^6$  group, an  $-OR^6$  group, an  $SR^6$  group or an  $NR^6R^7$~~

group;

~~R<sup>6</sup> and R<sup>7</sup> are the same or different and are each~~ is a hydrogen atom, a straight- or branched-chain C<sub>1</sub>-C<sub>6</sub> alkyl group or a substituted or unsubstituted C<sub>5</sub>-C<sub>10</sub> cycloalkyl group; and

~~Z is a divalent group~~ -O- or -NR<sup>6</sup>- wherein R<sup>6</sup> is as defined above.

4. (Currently amended) A heteropolycyclic compound according to claim 3, wherein, in ~~General Formula~~ formula (2), R<sup>1</sup> is a straight- or branched-chain C<sub>1</sub>-C<sub>10</sub> alkyl group or a substituted or unsubstituted phenyl group; R<sup>2</sup> and R<sup>3</sup> are each independently a straight- or branched-chain C<sub>1</sub>-C<sub>10</sub> alkyl group; ~~R<sup>4</sup> and R<sup>5</sup> are each a hydrogen atom; and X is a hydrogen atom; a straight- or branched~~ straight-chain C<sub>1</sub>-C<sub>10</sub> alkyl group, a hydroxy group or an -OCOR<sup>6</sup> group wherein R<sup>6</sup> is a hydrogen atom or a straight- or branched-chain C<sub>1</sub>-C<sub>6</sub> alkyl group; and Z is -O- [[, -S-]] or -NR<sup>6</sup>- wherein R<sup>6</sup> is a hydrogen atom or a straight- or branched-chain C<sub>1</sub>-C<sub>6</sub> alkyl group.

5. (Withdrawn) A colorant comprising a heteropolycyclic compound according to claim 1.

6. (Withdrawn) A pigment or dye comprising a heteropolycyclic compound according to claim 1.

7. (Withdrawn) A colorant comprising a heteropolycyclic compound according to claim 2.

8. (Withdrawn) A colorant comprising a heteropolycyclic compound according to claim 3.
9. (Withdrawn) A colorant comprising a heteropolycyclic compound according to claim 4.
10. (Withdrawn) A pigment or dye comprising a heteropolycyclic compound according to claim 2.
11. (Withdrawn) A pigment or dye comprising a heteropolycyclic compound according to claim 3.
12. (Withdrawn) A pigment or dye comprising a heteropolycyclic compound according to claim 4.